

FIG. 1

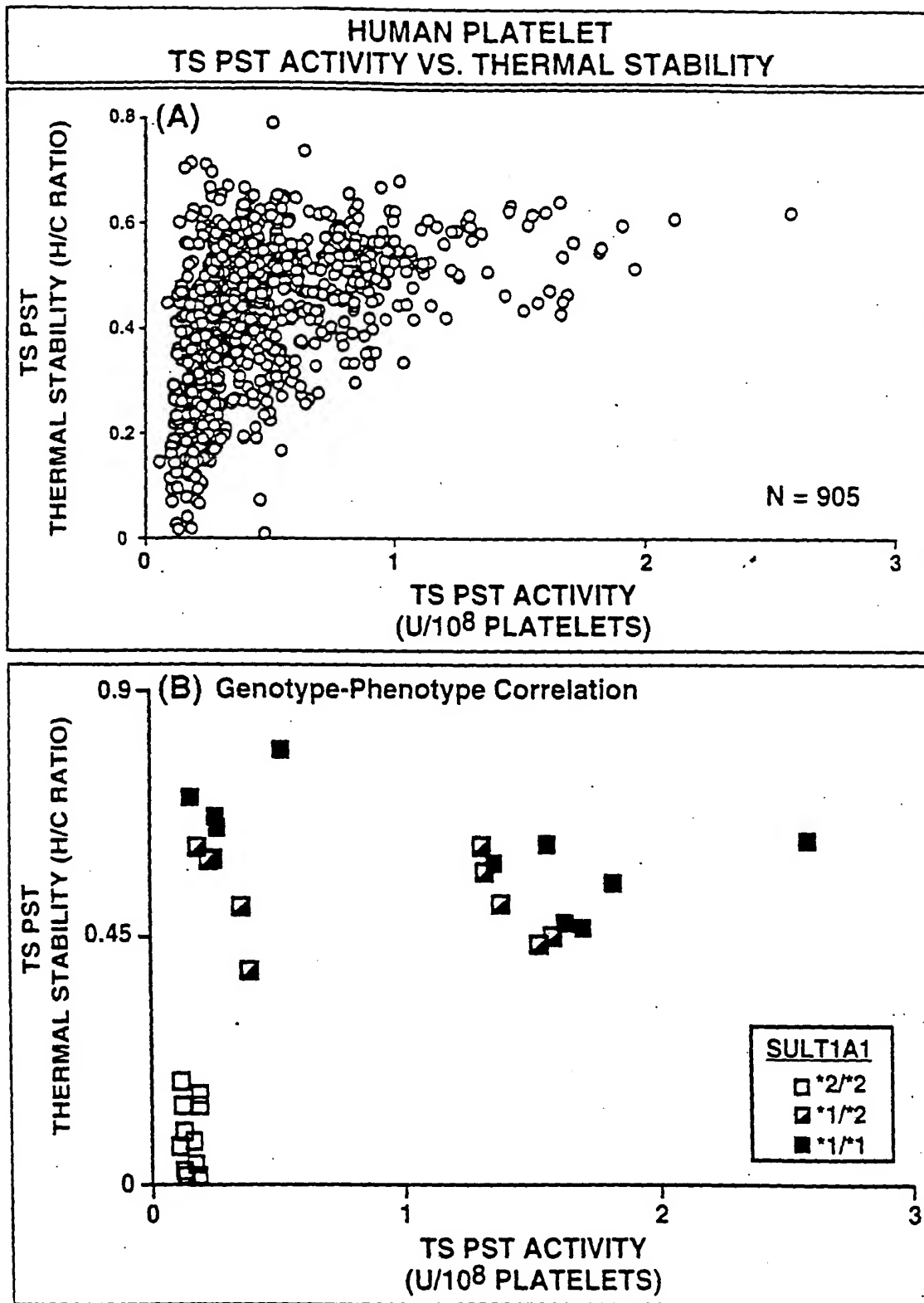


FIG. 2

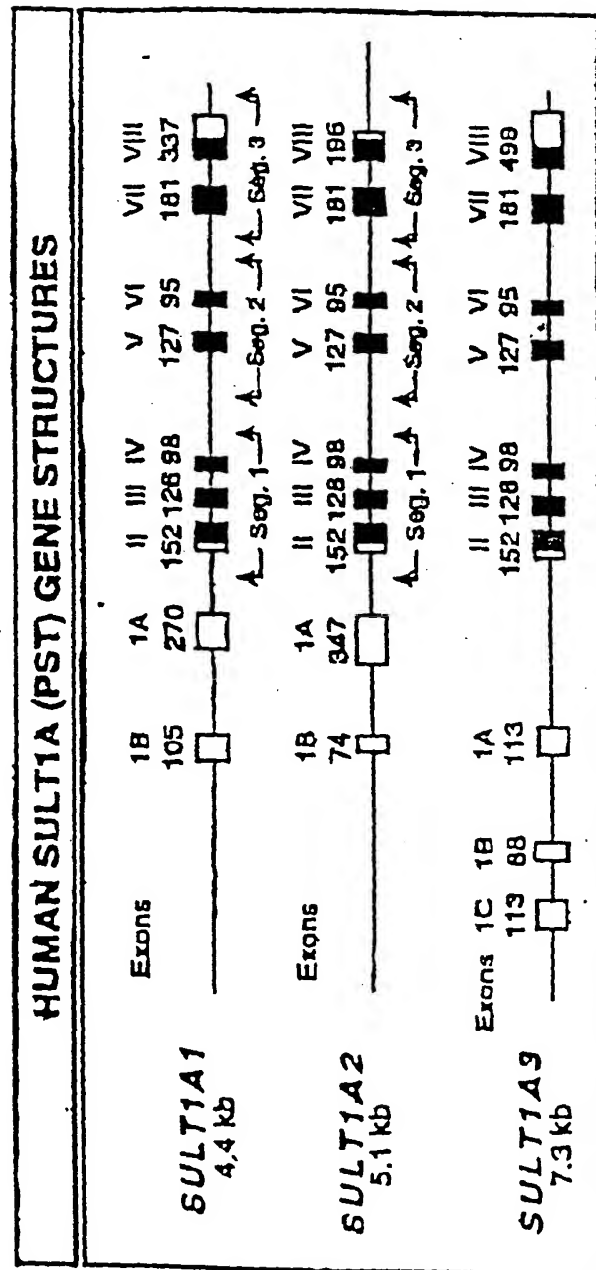


FIG. 3

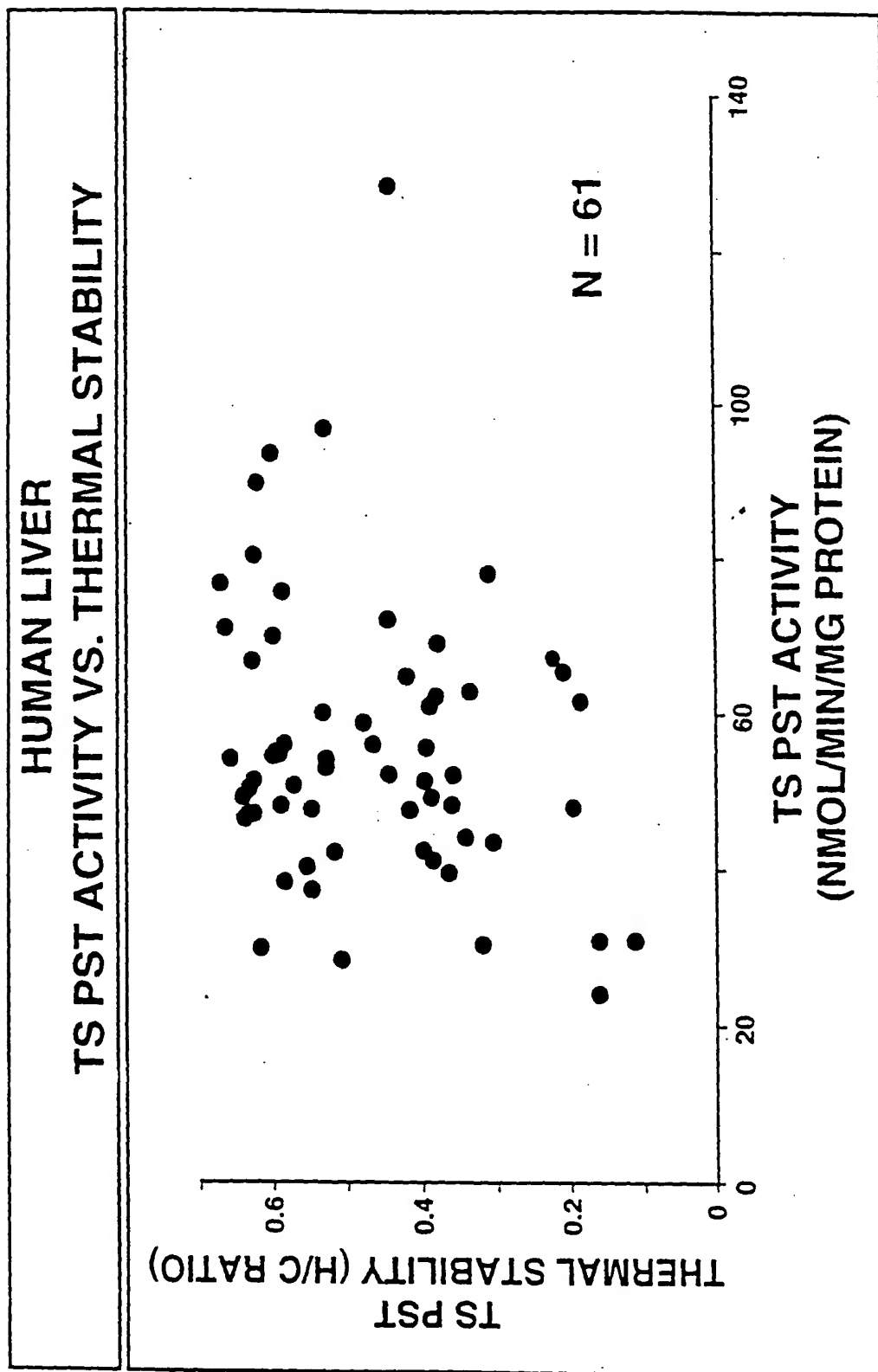
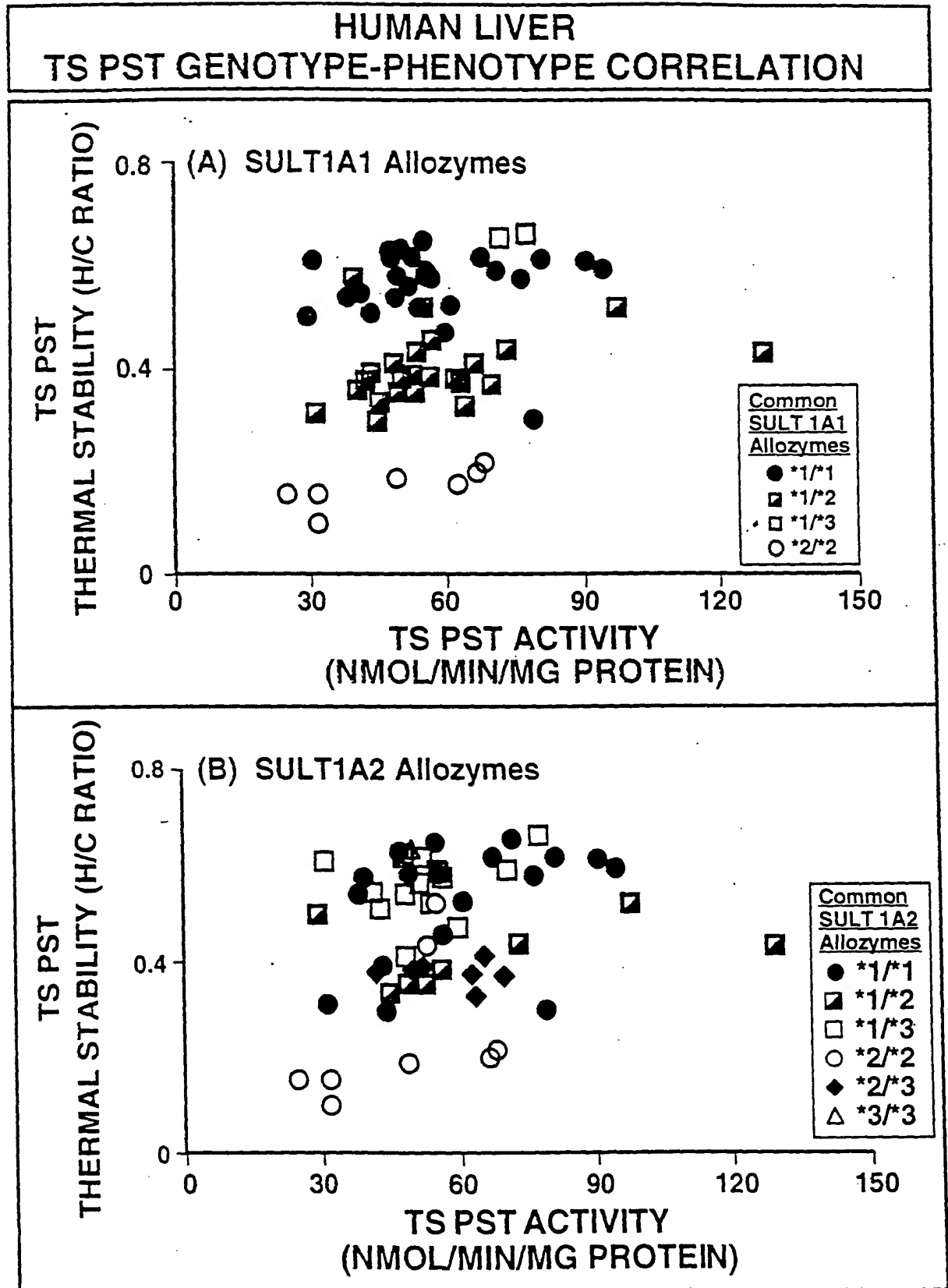


FIG. 4



## HUMAN *SULT1A1* GENE SEQUENCE

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Figure 1. *JOT21A2* gene sequence. Exon sequence is shown in uppercase, while intron, 5'-flanking region and 3'-flanking region sequence is in lowercase. The 'ATG' translation initiation codon and the 'TGA' translation termination codon are underlined. Amino acid sequences encoded by the gene is listed in single-letter code beneath the nucleotide sequence.

FIG. 6

## HUMAN *SULT1A2* GENE SEQUENCE

[illegible]

**Figure 2** *SVF1A3* gene sequence. Exon sequence is shown in uppercase, while intron, 5'-flanking region and 3'-flanking region sequence is in lowercase. Amino acid sequence encoded by the gene is listed in single-letter code beneath the nucleotide sequence.

FIG. 7

```

1  acctctgcct cctggttcca agcaatcctc cttcctcacc ctccagagta gctgggatta
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FIG. 7 CONT.

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6301 ctgggtcctc tgcccctgca ggtggtctat gttgcccga acccaaagga cgtggcggtc
6361 tccactacc atttccaccg tatggaaaag ggcaccctg agcctgggac ctgggacagc
6421 ttcctggaaa agttcatggc tggagaaggt gggcttgact ggagggaagga ggggtgtgaag
6481 ccgagggggtg gtggctataa cgtacagcaa ccctgtgtcg gtgccccctg cccgcttctc
6541 tagtgcctca cgggtcctgg taccagcacg tgcaggagtg gtgggagctg agccgcaccc
6601 acctgttct ctacctctc tatgaagaca tgaaggaggt gagaccgact gtgatgcttc

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FIG. 7 CONT.

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6661 ccccatgtg acacctggg gcaggcacct cacagggacc caccaaggcc acccagcccc
6721 gtccctgggc ggctcccaca gcaagcccgg attcccatc ctacctccct ggcccaggcc
6781 cccccactgc agccccacct ggcagcaggc tcggcacagc ttcatcttc tgcacctgag
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6901 gtgtgccacc cagggccaca gtcattggaag aagaccatcc cggctctcac ccatagcgcc
6961 caagccctgt tcatgatggg atcacagggc agagatcaat tcattttact ccaagacta
7021 gggccccagg ggttgaggct ctttggggtt tctaggggaa gtggccagat cccctctgag
7081 gttagagagg gggaccggtt ttgttttgct cactgagga gccctctgct gctcagacc
7141 ccaaaaggga gattcaaaag atcctggagt ttgtggggcg ctccctgccg gaggagacca
7201 tggacttcat ggttcagcac acgtcggtca aggagatgaa gaagaaccct atgaccaact
7261 acaccaccgt cccccaggag ctcatggacc acagcatctc ccccttcatg aggaagggtg
7321 ggtgctggcc agcacggggg tttggggcgg gtgggagcag cagctgcagc ctcccatag
7381 gcacttgggg cctccctggg gatgagactc cagctttgct cctgccttc ctcccccacg
7441 catggctggg gactggaaga ccaccttcac cgtggcgagc aatgagcgct tcgatgcgga
7501 ctatgcggag aagatggcag gctgcagcct cagcttccgc tctgagctgt gagaggggct
7561 cctggagtca ctgcagaggg agtgtgcgaa tctaccctga ccaatgggct caagaataaa
7621 gtatgatatt tgagtcaggc acagtggctc atgtctgcaa tcccagcgat ttgggaggtt
7681 gagctggtag gatcacaata ggccacgaat ttgagaccag cctggtaaaa tagtgagacc
7741 tcatctctac aaagatgtaa aaaaattagc cacatgtgct ggcacttacc tgtagtccca
7801 gctacttggg aagcagaggc tggaggatca tttcagccca ggaggttgtg gatacagtga
7861 gttatgacat gccattcac tacagcctgg atgacaagca agaccctccc tccaaagaaa
7921 ataaagctca attaaaataa aatatgattt gtgttcatgt agagcctgta ttggaaagga
7981 agagaaactc tgagctgaaa gagtgaatgc ccggtggggc cacatatggt cacctctccc
8041 ccagccttca gctccccagg tcaccatata tggggagggg agaagggttt ggagaagtaa
8101 aaccaggag atgtgtggag gggggatgtc tgtttaatcc cagcacatcc tctgctgtcc
8161 tgcccaaga tgggtggagg cgctcgagtc gccgggcagc gtcacttttt cttgggctcc
8221 ttagaagcta ccaggtacct ctggccaca ctgagatgag gggagtagcc gcctgcatag
8281 gaggtgtctt caaacaggat agtatagtc ctctggggg ttgtgggggt aggtggccaa
8341 ggaaggtag aggagcaagc ccccggggct ggttgtcaac tcactttgtt ggctggaatt
8401 ggttgaact tgaccacctc gggcaggatc cactgctca tcccaa

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